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| Under the Paperwork Reduction Act of 1995  TRANSMITTAL  FORM  (to be used for all correspondence after initial)                                                                                                                                                                                                                                                                                                                                                         |         | U.S. Paters are required to respond to a collection of the collect | PTO/SB/21 (02-04) Approved for use through 07/31/2006. OMB 0651-0031 at and Trademark Office; U.S. DEPARTMENT OF COMMERCE on of information unless it displays a valid OMB control number. 10/779,509 February 13, 2004 ABDEL-HADI 2856                                                                                                |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Total Number of Pages in This Submission                                                                                                                                                                                                                                                                                                                                                                                                                                | 7       | Attorney Docket Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5853-343                                                                                                                                                                                                                                                                                                                               |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ENC     | OSURES (Check all that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 100-64                                                                                                                                                                                                                                                                                                                                 |  |  |
| Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53                                                                                                                                   | F Remar |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | After Allowance communication to Technology Center (TC)  Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below): Postcard  edit any overpayments to Deposit Account No. 50-0951. |  |  |
| Signature  Signature  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.  Typed or printed name  Michael K. Dixon  Date  Michael K. Dixon  Date  Michael K. Dixon |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                        |  |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of ABDEL-HADI et al.

Application No. 10/779,509

Examiner:

Filed: February 13, 2004

Group Art Unit: 2856

For:

SYSTEM FOR CHARACTERIZING BULK MECHANICAL PROPERTIES OF

AERATED MATERIALS

## INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR §1.97(b)

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on Patents 22, 2004

Reg. No. 46,665

Michael K.·Dixon

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, the references cited on the accompanying form PTO/SB/08B are hereby brought to the attention of the Examiner for independent evaluation. In accordance with the Rules in effect for applications filed after June 30, 2003, copies of U.S. patents and/or patent application publications are not enclosed. The documents were cited in a search report (copy attached) issued in the corresponding PCT application to the present invention, namely, Application no. PCT/US04/04436. Accordingly, no fee is due.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicant respectfully requests that the listed documents be considered by the Examiner and made of record in the present application and that an initialed copy of form PTO/SB/08A be returned in accordance with MPEP §609.

## **Certification**

This Statement is being filed within three months of the filing of this application and/or prior to the issuance of the first Office Action for the present application, and this paper is thus submitted in accordance with 37 CFR §1.97(b). In view of this certification, a fee is not required for consideration of these documents. Nevertheless, should a fee be deemed to be due by the Commissioner, such fee should be charged to Deposit Account No. 50-0951.

Respectfully submitted,

Dated: December 22, 2004

Docket No. 5853-343

Michael K. Dixon, Reg. No. 46,665

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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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INFORMATION DISCLOSURE

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Sheet 1

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

of 1

| Complete if Known      |                   |  |  |
|------------------------|-------------------|--|--|
| Application Number     | 10/779,509        |  |  |
| Filing Date            | February 13, 2004 |  |  |
| First Named Inventor   | ABDEL-HADI        |  |  |
| Art Unit               | 2856              |  |  |
| Examiner Name          |                   |  |  |
| Attorney Docket Number | 5853-343          |  |  |

|                       |              |                                         | U. S. PATENT                   | DOCUMENTS                                          |                                                                                 |
|-----------------------|--------------|-----------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number                         | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |              | Number-Kind Code <sup>2 (# known)</sup> | 40/00/4074                     | MACMAILLEN                                         |                                                                                 |
|                       |              | <sup>US-</sup> 3,839,899-A              | 10/08/1974                     | MCMILLEN                                           |                                                                                 |
|                       |              | <sup>US-</sup> 4,561,289-A              | 12/31/1985                     | JONES                                              |                                                                                 |
|                       |              | <sup>US-</sup> 4,599,891-A              | 07/15/1986                     | BRAUER ET AL.                                      |                                                                                 |
|                       |              | <sup>US-</sup> 4,753,107-A              | 06/28/1988                     | REED ET AL.                                        |                                                                                 |
|                       |              | <sup>US-</sup> 5,325,723-A              | 07/05/1994                     | MEADOWS ET AL.                                     |                                                                                 |
|                       |              | <sup>US-</sup> 6,185,985-B1             | 02/13/2001                     | FLEURY ET AL.                                      |                                                                                 |
|                       |              | US-                                     |                                |                                                    | · ·                                                                             |
|                       |              | US-                                     |                                |                                                    |                                                                                 |
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|                       |              | UŞ-                                     |                                | -                                                  |                                                                                 |
|                       |              | US-                                     |                                |                                                    |                                                                                 |

| FOREIGN PATENT DOCUMENTS |              |                                                                                   |                  |                                                    |                                                                                 |          |
|--------------------------|--------------|-----------------------------------------------------------------------------------|------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------|
| Examiner ,               | Cite<br>No.1 | Foreign Patent Document                                                           | Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | -6       |
|                          |              | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | MM-DD-YYYY       |                                                    | Or Relevant Figures Appear                                                      | <u> </u> |
|                          |              |                                                                                   |                  |                                                    |                                                                                 |          |
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|                          |              |                                                                                   |                  |                                                    |                                                                                 |          |

| Examiner<br>Signature | Date Conside | ed |
|-----------------------|--------------|----|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.